



7 / IDS CP / 2811  
C. Willis  
9-10-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **HORIE, Hideyoshi et al.**

Group Art Unit: **2811**

Serial No.: **09/995,802**

Examiner: **CHU, Chris C.**

Filed: **November 29, 2001**

P.T.O. Confirmation No.: **9180**

**FOR: SEMICONDUCTOR LIGHT EMITTING DEVICE**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
AUG 26 2002  
TECHNOLOGY CENTER 2800  
August 23, 2002

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached along with the UK Search Report.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.



Respectfully submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP

A handwritten signature in cursive script that reads "Michael N. Lau".

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (4)



INVESTOR IN PEOPLE

Application No: GB 0128592.3  
Claims searched: 1 to 13

Examiner: T P Marlow  
Date of search: 19 July 2002

## Patents Act 1977 Search Report under Section 17

### Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.T): H1K: (KPDX) (KPH) (KQAX)

Int Cl (Ed.7): H01L H01S

Other: ONLINE: WPI, EPODOC, JAPIO

### Documents considered to be relevant:

| Category | Identity of document and relevant passage                   | Relevant to claims |
|----------|---|--------------------|
| A        | EP 0973237 A1 MITSUBISHI - see heat sinks (3) in Fig. 2     |                    |
| A        | JP 2001284704 FUJI - heat sinks (27, 29) in Fig. 1(b)       |                    |
| A        | JP 050037089 MITSUBISHI - see heat sinks (100a,b) in Fig. 1 |                    |
| A        | JP 020177583 SHARP - see heat sinks (10, 21) in Fig. 1      |                    |

|   |   |   |  |
|---|---|---|--|
| X | Document indicating lack of novelty or inventive step   | A | Document indicating technological background and/or state of the art.  |
| Y | Document indicating lack of inventive step if combined with one or more other documents of same category. | P | Document published on or after the declared priority date but before the filing date of this invention.          |
| & | Member of the same patent family  | E | Patent document published on or after, but with priority date earlier than, the filing date of this application. |